

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100622\
 Data File : VD074465.D
 Acq On : 06 Oct 2022 14:45
 Operator : VA/SY
 Sample : N5014-10
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10-0-2.0

Quant Time: Oct 07 01:26:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

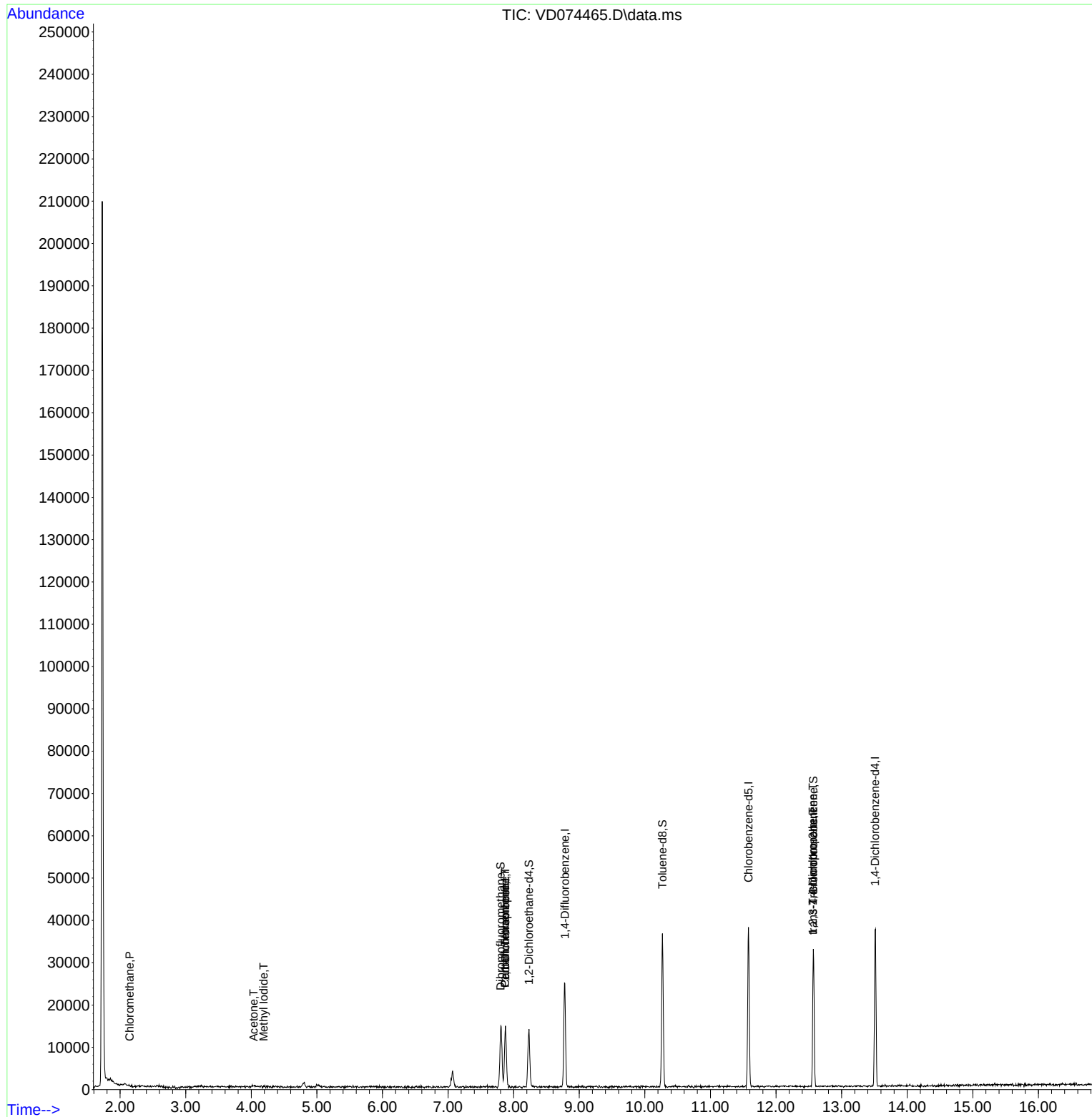
Internal Standards						
1) Pentafluorobenzene	7.869	168	12052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	23179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	23790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	11823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	10446	97.555	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 195.100%#			
35) Dibromofluoromethane	7.799	113	10693	69.960	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 139.920%			
50) Toluene-d8	10.269	98	26531	47.612	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.220%			
62) 4-Bromofluorobenzene	12.569	95	10186	60.317	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 120.640%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	275	1.874	ug/l #	37
10) Methyl Iodide	4.187	142	56	6.086	ug/l #	43
11) Tert butyl alcohol	4.993	59	241	Below Cal	#	84
16) Acetone	4.034	43	959	43.286	ug/l #	37
20) Methylene Chloride	4.781	84	348	Below Cal	#	50
36) 1,1-Dichloropropene	7.875	75	822	3.831	ug/l #	39
38) Carbon Tetrachloride	7.869	117	1015	5.339	ug/l #	14
76) 1,2,3-Trichloropropane	12.563	75	5459	60.149	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.563	75	5459	134.200	ug/l #	17

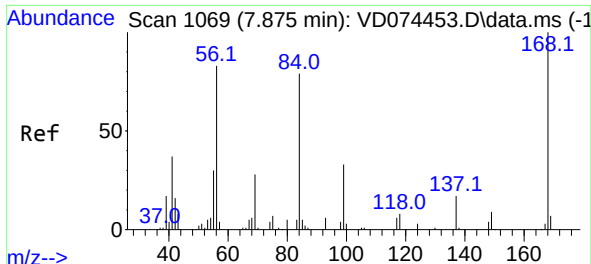
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

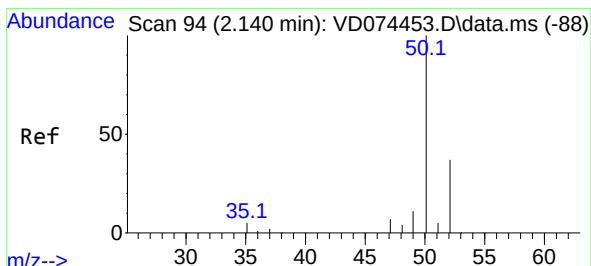
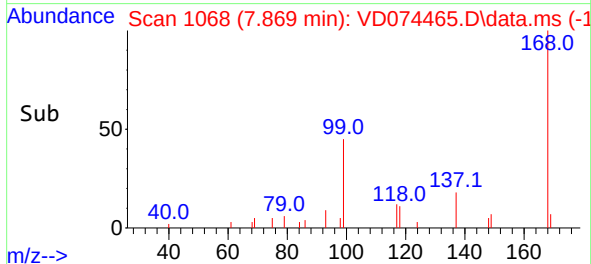
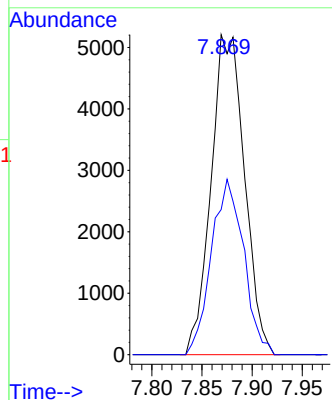
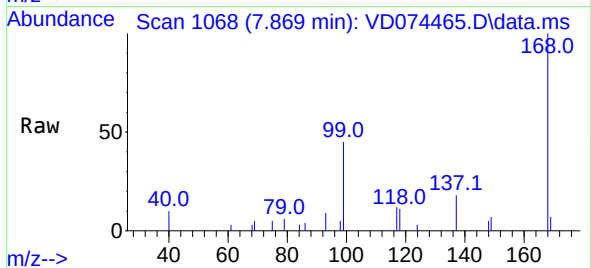




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD074465.D
Acq: 06 Oct 2022 14:45

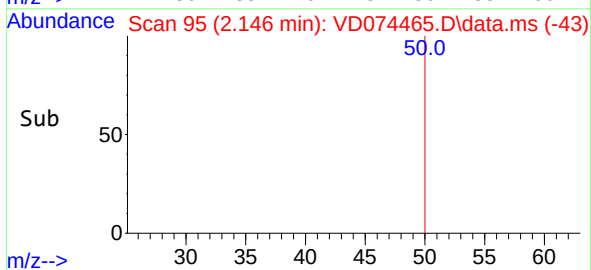
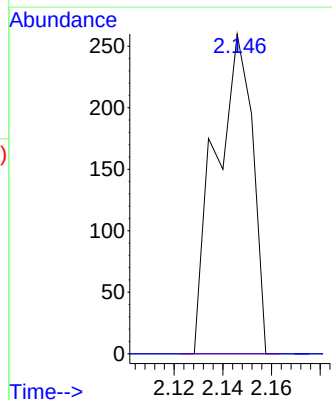
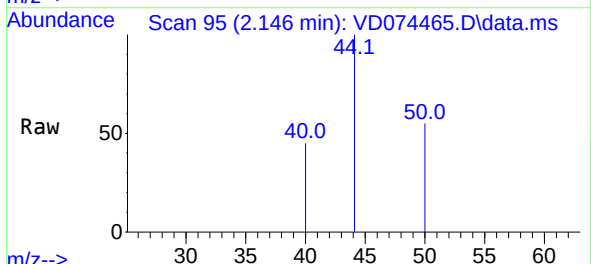
Instrument :
MSVOA_D
ClientSampleId :
SB-10-0-2.0

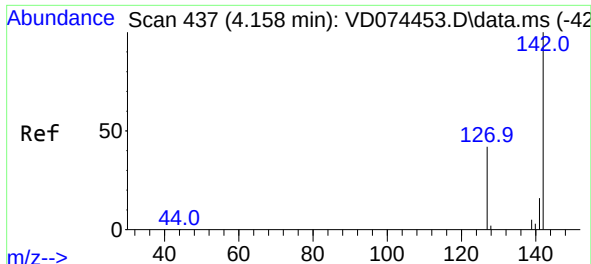
Tgt Ion:168 Resp: 12052
Ion Ratio Lower Upper
168 100
99 45.4 40.9 61.3



#3
Chloromethane
Concen: 1.874 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.006 min
Lab File: VD074465.D
Acq: 06 Oct 2022 14:45

Tgt Ion: 50 Resp: 275
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

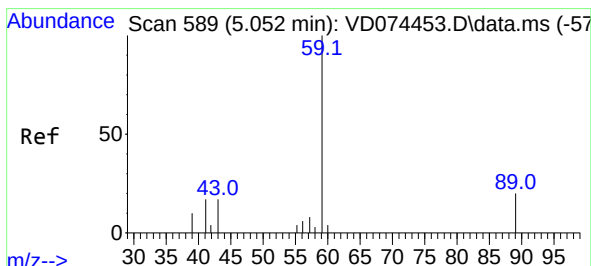
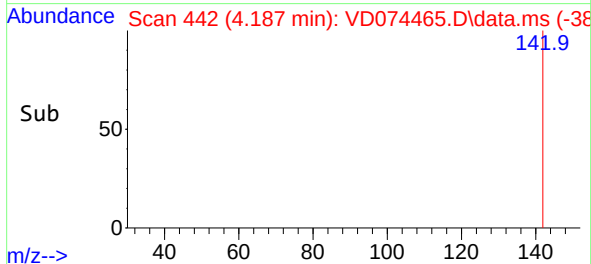
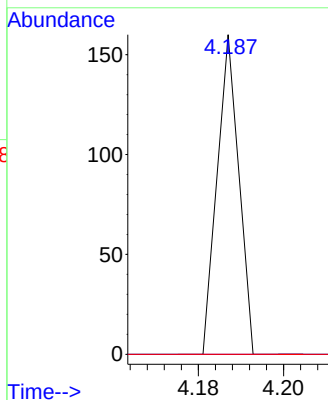
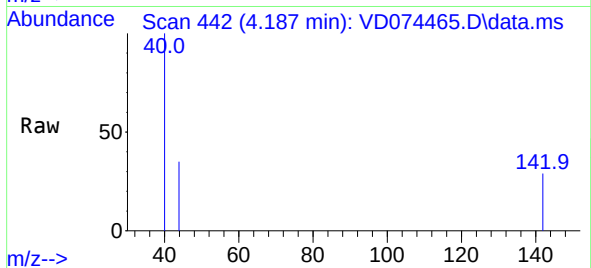




#10
Methyl Iodide
Concen: 6.086 ug/l
RT: 4.187 min Scan# 44
Delta R.T. 0.029 min
Lab File: VD074465.D
Acq: 06 Oct 2022 14:45

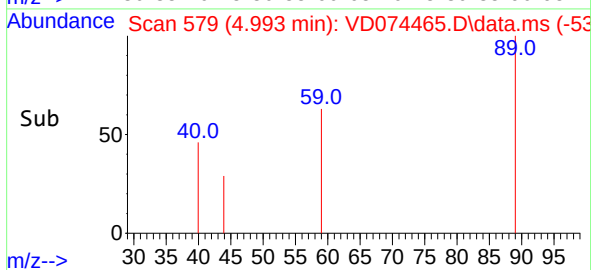
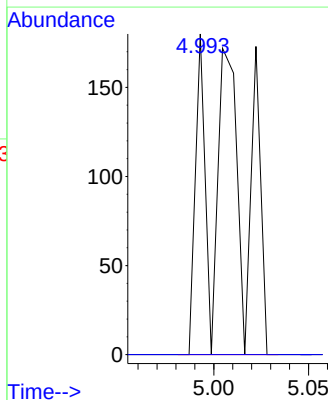
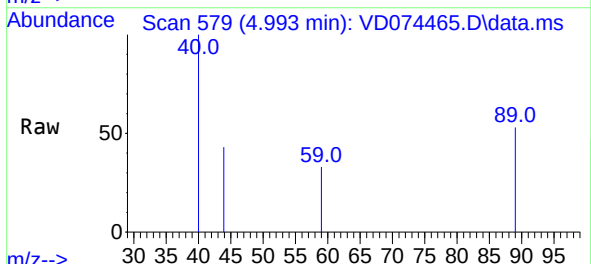
Instrument :
MSVOA_D
ClientSampleId :
SB-10-0-2.0

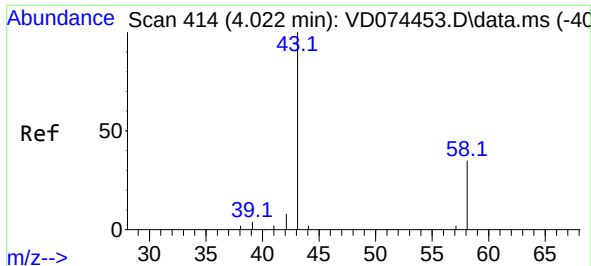
Tgt Ion:142 Resp: 56
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.993 min Scan# 579
Delta R.T. -0.059 min
Lab File: VD074465.D
Acq: 06 Oct 2022 14:45

Tgt Ion: 59 Resp: 241
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#

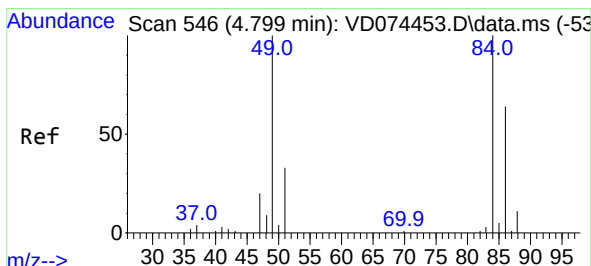
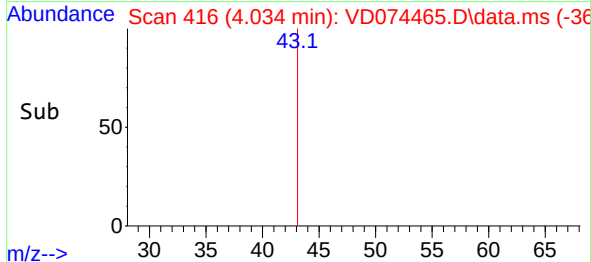
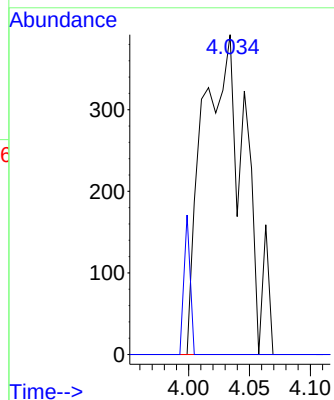
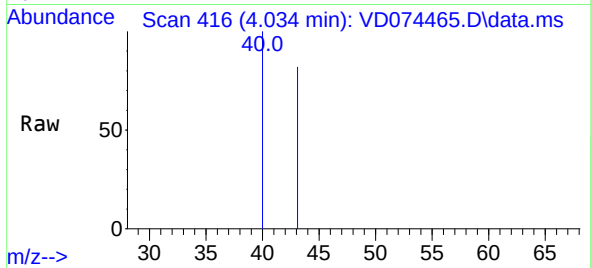




#16
Acetone
Concen: 43.286 ug/l
RT: 4.034 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD074465.D
Acq: 06 Oct 2022 14:45

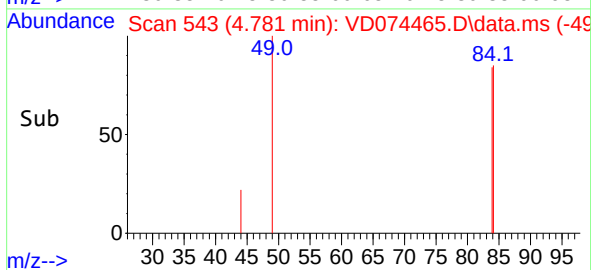
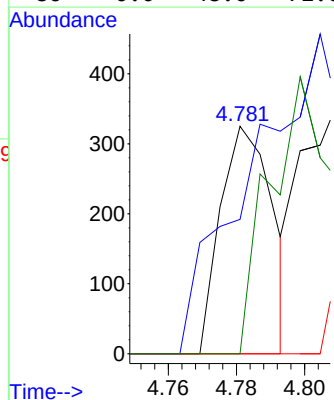
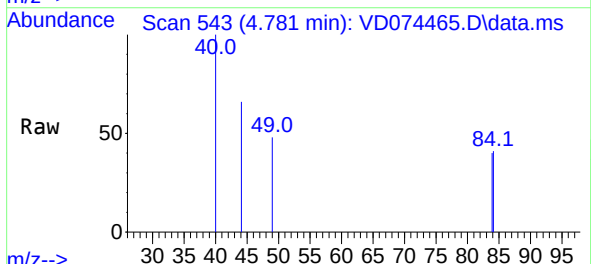
Instrument :
MSVOA_D
ClientSampleId :
SB-10-0-2.0

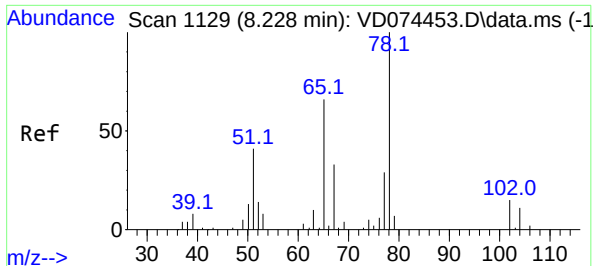
Tgt Ion: 43 Resp: 959
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.781 min Scan# 543
Delta R.T. -0.018 min
Lab File: VD074465.D
Acq: 06 Oct 2022 14:45

Tgt Ion: 84 Resp: 348
Ion Ratio Lower Upper
84 100
49 59.1 68.0 102.0#
51 0.0 23.2 34.8#
86 0.0 48.0 72.0#

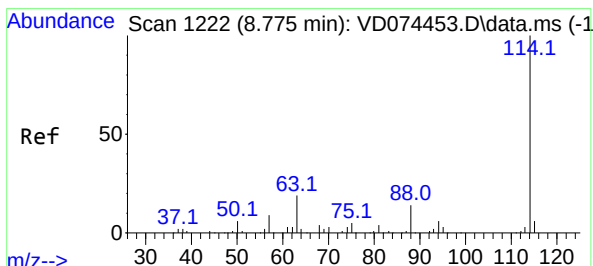
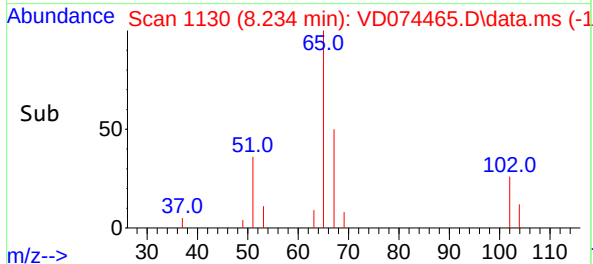
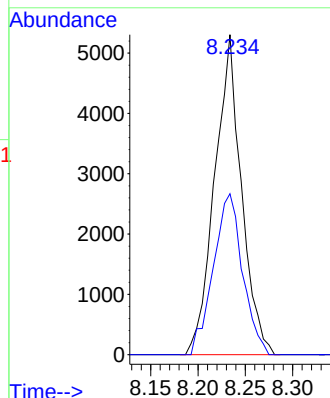
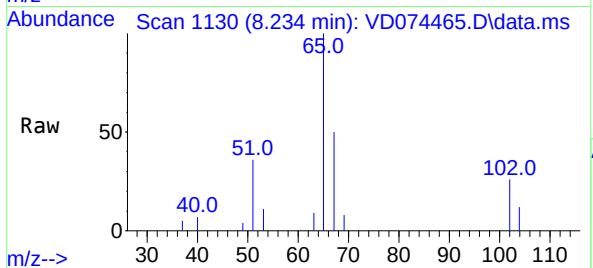




#33
1,2-Dichloroethane-d4
Concen: 97.555 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD074465.D
Acq: 06 Oct 2022 14:45

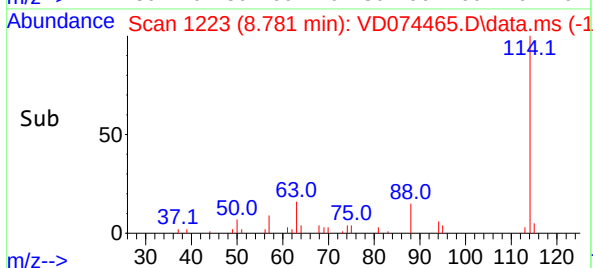
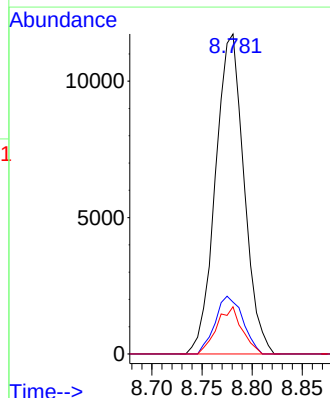
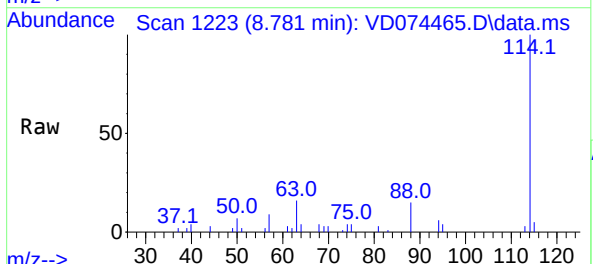
Instrument :
MSVOA_D
ClientSampleId :
SB-10-0-2.0

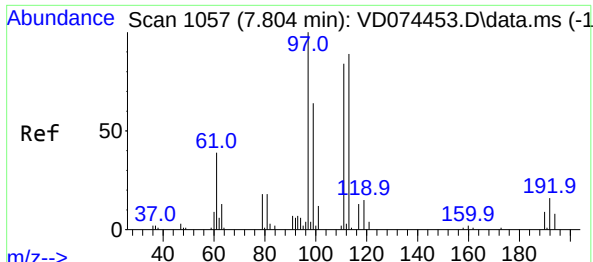
Tgt Ion: 65 Resp: 10446
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD074465.D
Acq: 06 Oct 2022 14:45

Tgt Ion:114 Resp: 23179
Ion Ratio Lower Upper
114 100
63 16.2 0.0 33.2
88 14.7 0.0 28.2





#35

Dibromofluoromethane

Concen: 69.960 ug/l

RT: 7.799 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD074465.D

Acq: 06 Oct 2022 14:45

Instrument :

MSVOA_D

ClientSampleId :

SB-10-0-2.0

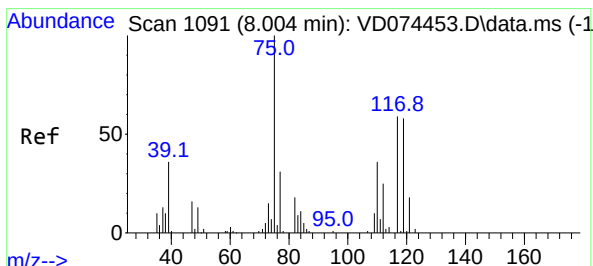
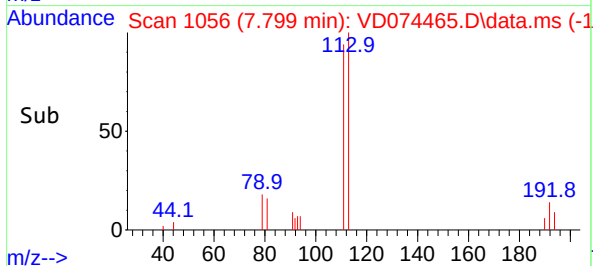
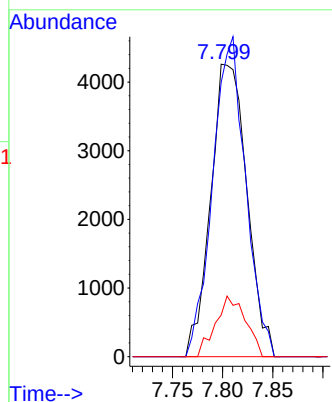
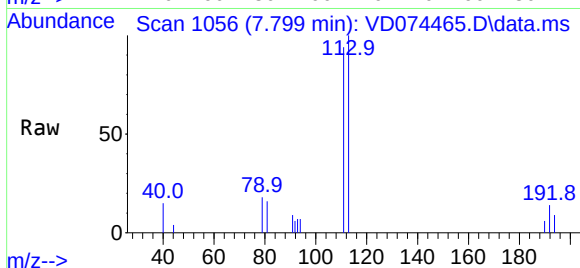
Tgt Ion:113 Resp: 10693

Ion Ratio Lower Upper

113 100

111 99.3 82.3 123.5

192 17.2 16.4 24.6



#36

1,1-Dichloropropene

Concen: 3.831 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD074465.D

Acq: 06 Oct 2022 14:45

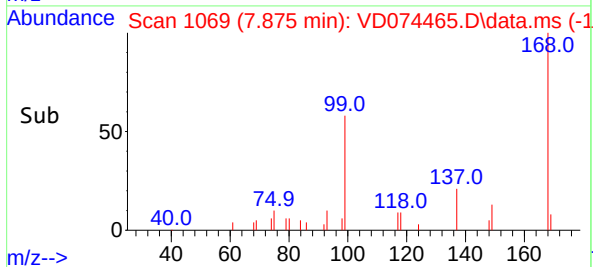
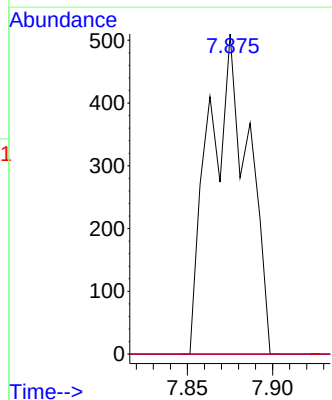
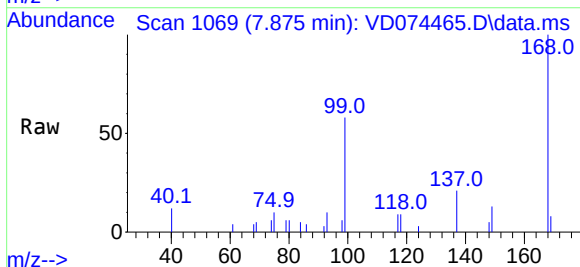
Tgt Ion: 75 Resp: 822

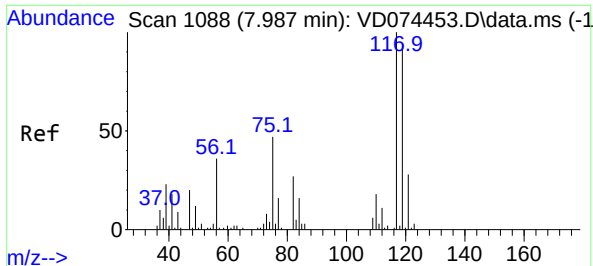
Ion Ratio Lower Upper

75 100

110 0.0 19.7 59.0#

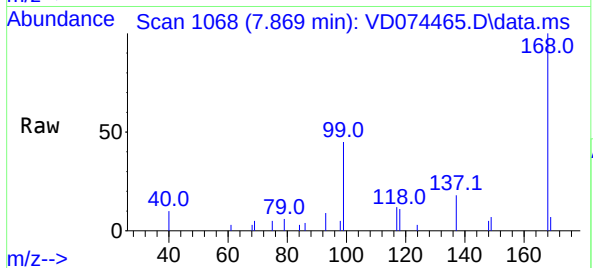
77 0.0 25.4 38.2#



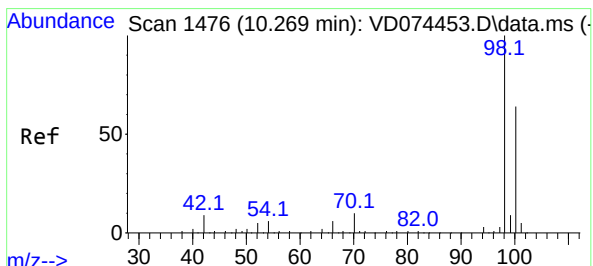
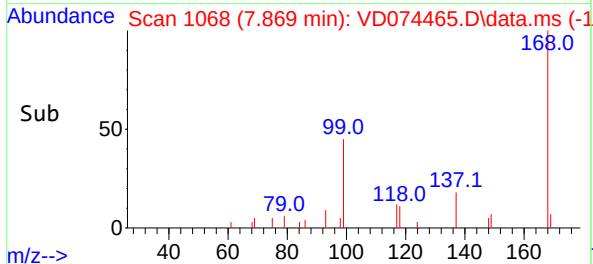
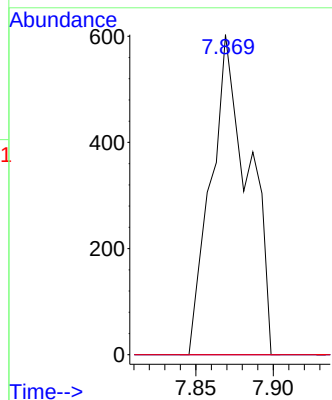


#38
Carbon Tetrachloride
Concen: 5.339 ug/l
RT: 7.869 min Scan# 1088
Delta R.T. -0.118 min
Lab File: VD074465.D
Acq: 06 Oct 2022 14:45

Instrument :
MSVOA_D
ClientSampleId :
SB-10-0-2.0

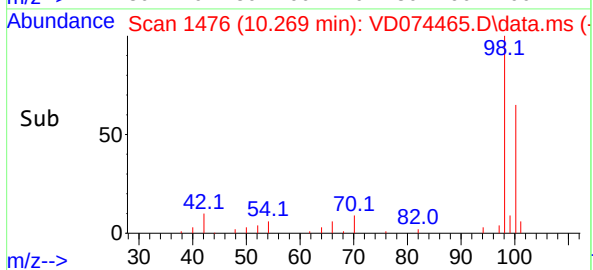
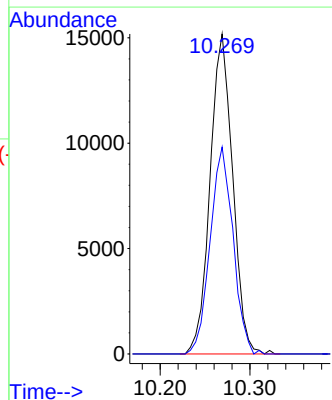
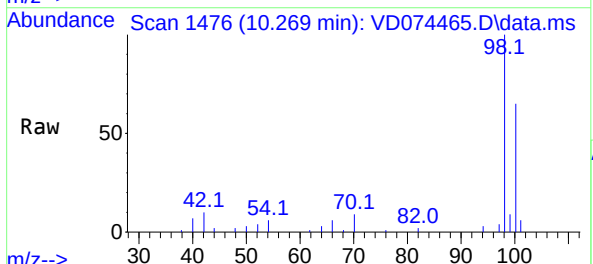


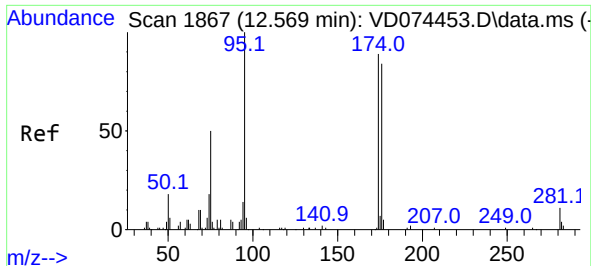
Tgt Ion:117 Resp: 1015
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 47.612 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074465.D
Acq: 06 Oct 2022 14:45

Tgt Ion: 98 Resp: 26531
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.0

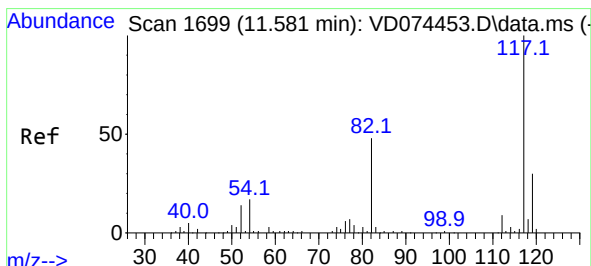
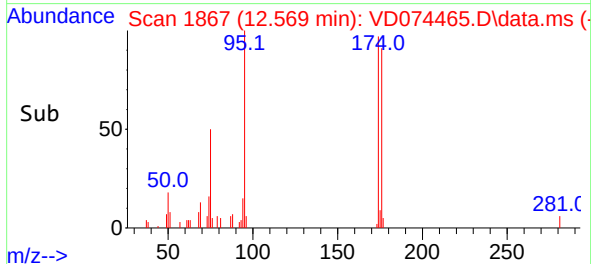
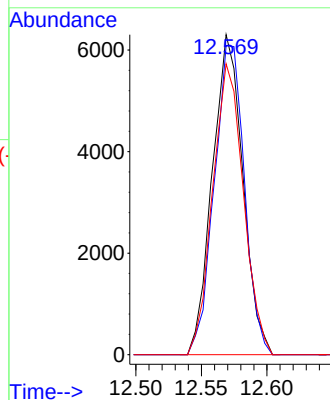
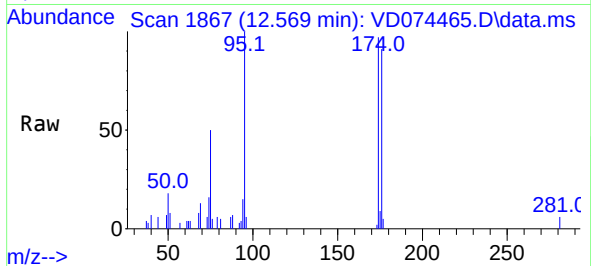




#62
4-Bromofluorobenzene
Concen: 60.317 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074465.D
Acq: 06 Oct 2022 14:45

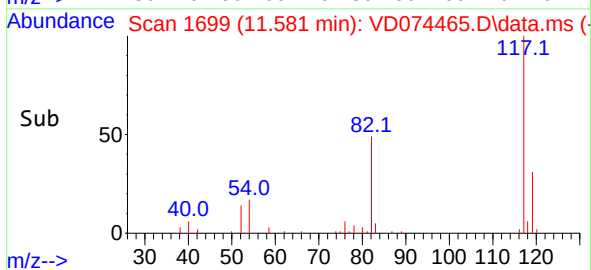
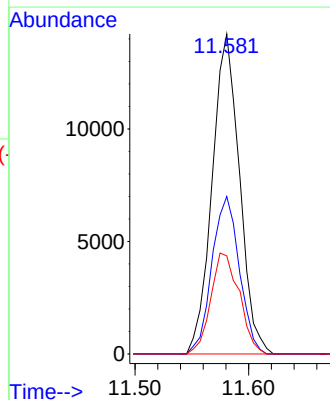
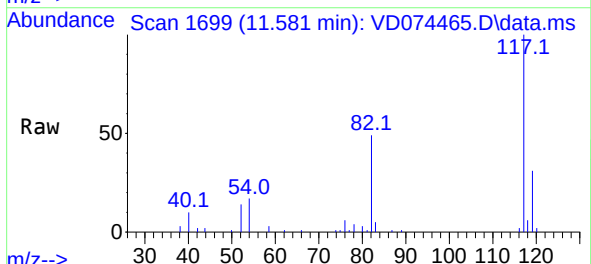
Instrument :
MSVOA_D
ClientSampleId :
SB-10-0-2.0

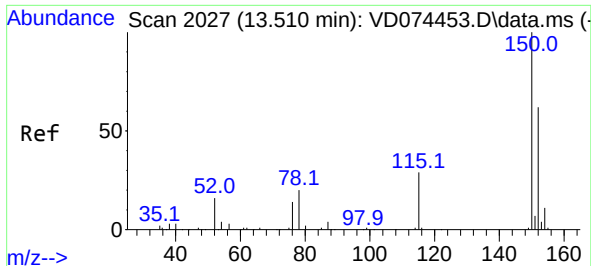
Tgt Ion:	95	Resp:	10186
Ion	Ratio	Lower	Upper
95	100		
174	95.8	0.0	197.0
176	91.6	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074465.D
Acq: 06 Oct 2022 14:45

Tgt Ion:	117	Resp:	23790
Ion	Ratio	Lower	Upper
117	100		
82	49.2	41.6	62.4
119	30.6	25.2	37.8

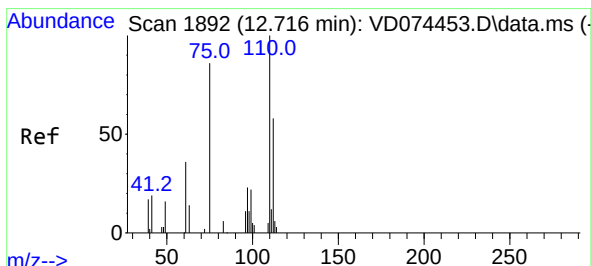
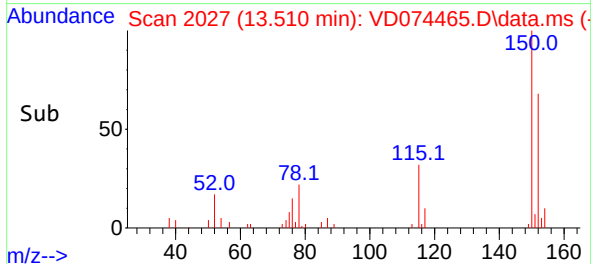
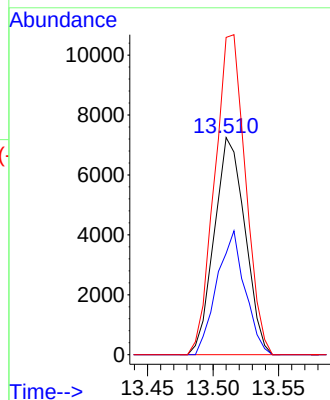
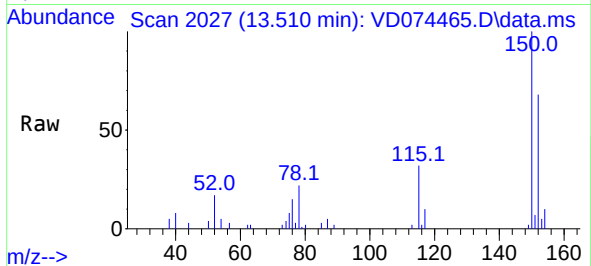




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD074465.D
Acq: 06 Oct 2022 14:45

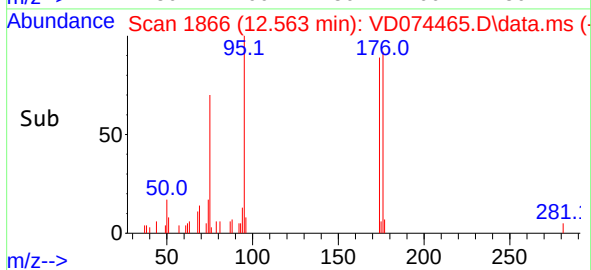
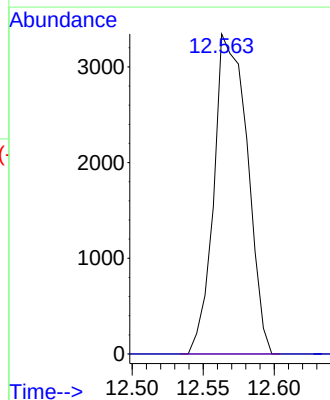
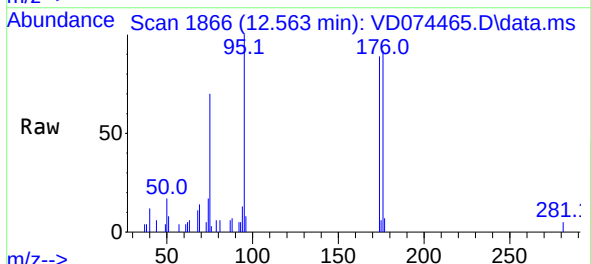
Instrument :
MSVOA_D
ClientSampleId :
SB-10-0-2.0

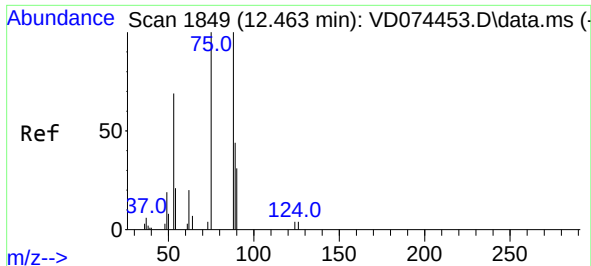
Tgt Ion:152 Resp: 11823
Ion Ratio Lower Upper
152 100
115 52.1 26.8 80.4
150 147.7 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 60.149 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. -0.153 min
Lab File: VD074465.D
Acq: 06 Oct 2022 14:45

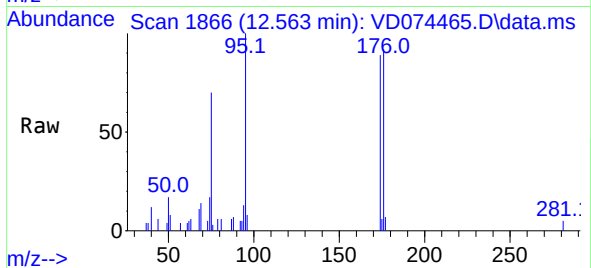
Tgt Ion: 75 Resp: 5459
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.200 ug/l
 RT: 12.563 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD074465.D
 Acq: 06 Oct 2022 14:45

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10-0-2.0



Tgt Ion:	75	Resp:	5459
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

